

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-6351499-\$).did.	USPAT	ADJ	ON	2008/08/14 15:26
L2	0	(US-6351499-\$).did. and (steer\$4 or pilot or eigen\$)	USPAT	ADJ	ON	2008/08/14 15:26
L3	28	(US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$ or US-20020012380-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:27
L4	4	I3 and (steer\$4 or pilot or eigen\$)	USPAT	ADJ	ON	2008/08/14 15:27
L5	11	I3 and (steer\$4 or pilot or eigen\$)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:27
S1	1	10/693429.app.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 08:52
S2	344	"370".clas. and MIMO with (spatial or multiplex\$6 or spatial multiplex\$4)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 08:59
S3	216	"370".clas. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:04
S4	36	"370".clas. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4)).ab.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 08:59

S5	0	370/328.clas. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:07
S6	0	370/328.clas. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity))	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:07
S7	0	370/334.clas. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity))	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:07
S8	26	370/328.ccls. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:07
S9	42	370/334.ccls. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:07
S10	4	370/337.ccls. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:08
S11	16	370/338.ccls. and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:18
S12	85	S8 or S9 or S10 or S11	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:34
S13	489	("370".clas. or "455".clas.) and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:19
S14	609	("375".clas. or "455".clas.) and (MIMO with (spatial or multiplex\$6 or spatial multiplex\$4 or space or diversity)).bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:19
S15	0	370/328,334,	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:34
S16	30	370/328,334,337,338.ccls. and (mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex\$4) with (rate or mode)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:37

S17	36	370/328,334,337,338.ccls. and (mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex\$4). bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:38
S18	59	370/328,334,337,338.ccls. and (mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex\$4)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:39
S19	183	"370".clas. and (mimo with (space or diversity or spatial)) and (space near3 diversity or spatial near3 multiplex\$4)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:55
S20	70	"370".clas. and (mimo with (space or spatial) adj (multiplex \$4 or divers\$4)). bsum.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 10:57
S21	24	(mimo and (space or spatial) adj (multiplex\$4 or divers\$4)). ab.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 11:00
S22	249	"370".clas. and (mimo and (space or spatial) adj (multiplex \$4 or divers\$4))	US-PGPUB; USPAT	ADJ	ON	2007/05/23 11:01
S23	89	"370".clas. and (mimo and (space or spatial) adj (multiplex \$4 or divers\$4)) and (space or spatial) adj (multiplex\$4 or divers\$4) with (rate or mode)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 11:04
S24	240	(mimo and (space or spatial) adj (multiplex\$4 or divers\$4)) and (space or spatial) adj (multiplex\$4 or divers\$4) with (rate or mode)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 11:25
S25	268	(mimo same (space or spatial) adj (multiplex\$4 or divers\$4)) and (space or spatial) adj (multiplex\$4 or divers\$4) same (rate or mode)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 11:28
S26	118	(spatial or space) (divers\$4 or multiplex\$6) same (rate) with (select\$9 or determin\$4 or set \$4 or pick\$ or establis\$9)	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:00
S27	3	("20010006535"   "6212242"   "6842440").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/23 13:37
S28	0	(spatial or space) (divers\$4 or multiplex\$6) same (rate) with (select\$9 or determin\$4 or set \$4 or pick\$ or establis\$9) sma e mode	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:00

S29	26	(spatial or space) (divers\$4 or multiplex\$6) same (rate) with (select\$9 or determin\$4 or set \$4 or pick\$ or establis\$9) same mode	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:04
S30	121	(spatial or space) (divers\$4 or multiplex\$6) same (rate) same mode	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:05
S31	19	(spatial or space) (divers\$4 or multiplex\$6) same (rate) same mode and 370/328,334,337,338.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:04
S32	39	("20010047424"   "20020008672"   "20020036586"   "20020051430"   "20020105931"   "20030007473"   "20030152086"   "20030228857"   "20040009794"   "20040033817"   "20040053634"   "20040102157"   "20040114535"   "20040130487"   "20040150568"   "20040157611"   "20040196822"   "20040259597"   "20050221838"   "20050285803"   "3846799"   "5617102"   "5903826"   "5905473"   "6009124"   "6052594"   "6229480"   "6301238"   "6445688"   "6486832"   "6490261"   "6490262"   "6493545"   "6515635"   "6531985"   "6611231"   "6640087"   "6671495"   "6804521").PN.	US-PGPUB; USOCR	ADJ	ON	2007/05/23 14:07

S33	22	(US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:12
S35	15	S33 and (rate or mode or request or schedul\$4 or spatial or divers\$4 or multiplex\$4 or space or downlink or uplink or \$4stream or \$4steer or steer\$4 or \$3code or \$3modulate) and MIMO	US-PGPUB; USPAT	ADJ	ON	2007/05/23 14:15
S36	243	MIMO with channel and (vector) and spatial\$4 with (channel\$3 or multiplex\$6 or mode) and (crosstalk or interfer \$6 near4 cancel\$6) and correlat \$6 and (MMSE or square error)	US-PGPUB; USPAT	ADJ	ON	2008/07/30 10:55
S37	83	MIMO with channel and (vector) and spatial\$4 with (channel\$3 or multiplex\$6 or mode) and (crosstalk or interfer \$6 near4 cancel\$6) and correlat \$6 and (MMSE or square error) and @ad<="20031130"	US-PGPUB; USPAT	ADJ	ON	2008/07/30 10:56
S38	1	("6351499").PN.	US-PGPUB; USPAT	ADJ	ON	2008/07/30 11:05
S39	27	(US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-	US-PGPUB; USPAT	ADJ	ON	2008/07/30 14:39

		\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$).did.				
S40	27	(US-20040027994-\$ or US-20030016640-\$ or US-20030072285-\$ or US-20050078665-\$ or US-20040047426-\$ or US-20040198276-\$ or US-20040170233-\$ or US-20030210750-\$ or US-20020027957-\$).did. or (US-6937592-\$ or US-6760882-\$ or US-7031419-\$ or US-7058146-\$ or US-7103325-\$ or US-6802035-\$ or US-6917820-\$ or US-7010054-\$ or US-7149254-\$ or US-7072366-\$ or US-6870808-\$ or US-6850498-\$ or US-6665284-\$ or US-6594328-\$ or US-6351499-\$ or US-6922445-\$ or US-7302018-\$ or US-6377636-\$).did. and @ad<="20031131"	US-PGPUB; USPAT	ADJ	ON	2008/07/30 14:39
S41	6	MIMO with channel and (vector) and spatial\$4 with (channel\$3 or multiplex\$6 or mode) and (crosstalk or interfer \$6 near4 cancel\$6) and correlat \$6 and (MMSE or square error) and S40	US-PGPUB; USPAT	ADJ	ON	2008/07/30 14:46
S42	6	MIMO with channel and (vector) and spatial\$4 with (channel\$3 or multiplex\$6 or mode) and (crosstalk or interfer \$6 near4 cancel\$6) and correlat \$6 and (MMSE or square error) and S40	US-PGPUB; USPAT	ADJ	ON	2008/07/30 14:46
S43	0	"2002012380".pn.	US-PGPUB; USPAT	ADJ	ON	2008/08/01 15:32
S44	0	( US-2002012380-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/01 15:33
S45	1	( US-20020012380-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/08/01 15:34

S46	1	10/958362.app.	US- PGPUB; USPAT	ADJ	ON	2008/08/01 17:58
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8/14/2008 5:20:48 PM

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